

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) ~~Method~~ A method of production of producing a polysilicate binder, comprising by interaction while mixing at a first mixing rate between at least one of a sodium and/or potassium silicate aqueous solution with having a silicate module of from 2.6 to 3.7 and a density of from 1.30 to 1.46 g/cm³ and, with from 0.5 to 3.0 percent by weight lithium hydroxide. Then to form a product of interaction, then adding to the product of interaction an amorphous silicon dioxide with having a specific surface of from 175 to 380 m²/g in the an amount of from 0.2 to 2.0 percent by weight on conversion to binder is added into the product of interaction under a higher rate of mixing than said first mixing rate, so as to form said binder.

2. (Currently Amended) ~~Method of production of polysilicate binder~~ The method of claim 1, where wherein a silico-organic compound is added simultaneously with the amorphous silicon dioxide at the stage of it addition during said adding.

3. (Currently Amended) ~~Polysilicate~~ A polysilicate binder for adhesives and coatings produced by one of methods the method of claims 1-2 claim 1.

4. (Currently Amended) ~~Adhesive~~ An adhesive composition for adhesives and coatings comprising silicate binder and inorganic filler, where wherein said adhesive composition comprises a polysilicate binder as a said silicate binder, said polysilicate binder produced by one of methods of claims 1-2 the method of claim 1, with the following a component ratio (in percent by weight) of:

- | | |
|---|----------|
| - Above mentioned <u>said polysilicate binder</u> | -25-49% |
| - Inorganic filler | -51-75%. |

5. (New) A polysilicate binder for adhesives and coatings produced by the method of claim 2.

6. (New) An adhesive composition for adhesives and coatings comprising silicate binder and inorganic filler, wherein said adhesive composition comprises a polysilicate binder as a said silicate binder, said polysilicate binder produced by the method of claim 2, with a component ratio (in percent by weight) of:

- | | |
|----------------------------|----------|
| - said polysilicate binder | -25-49% |
| - Inorganic filler | -51-75%. |